

FIG. 1
PRIOR ART

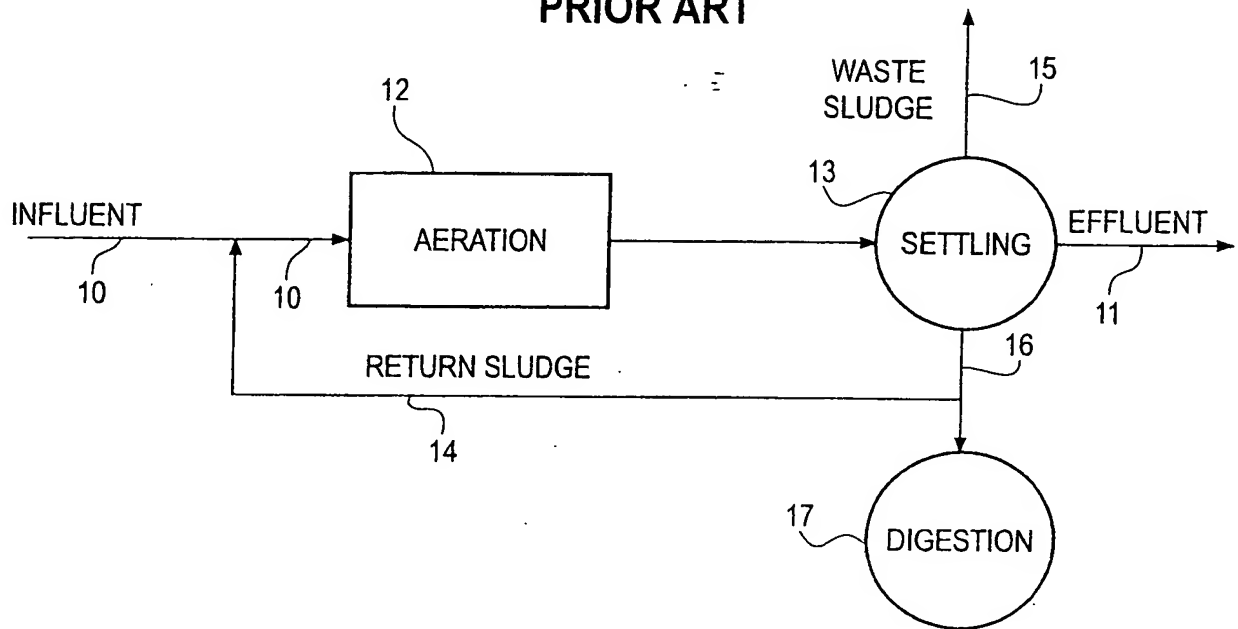


FIG. 2
PRIOR ART

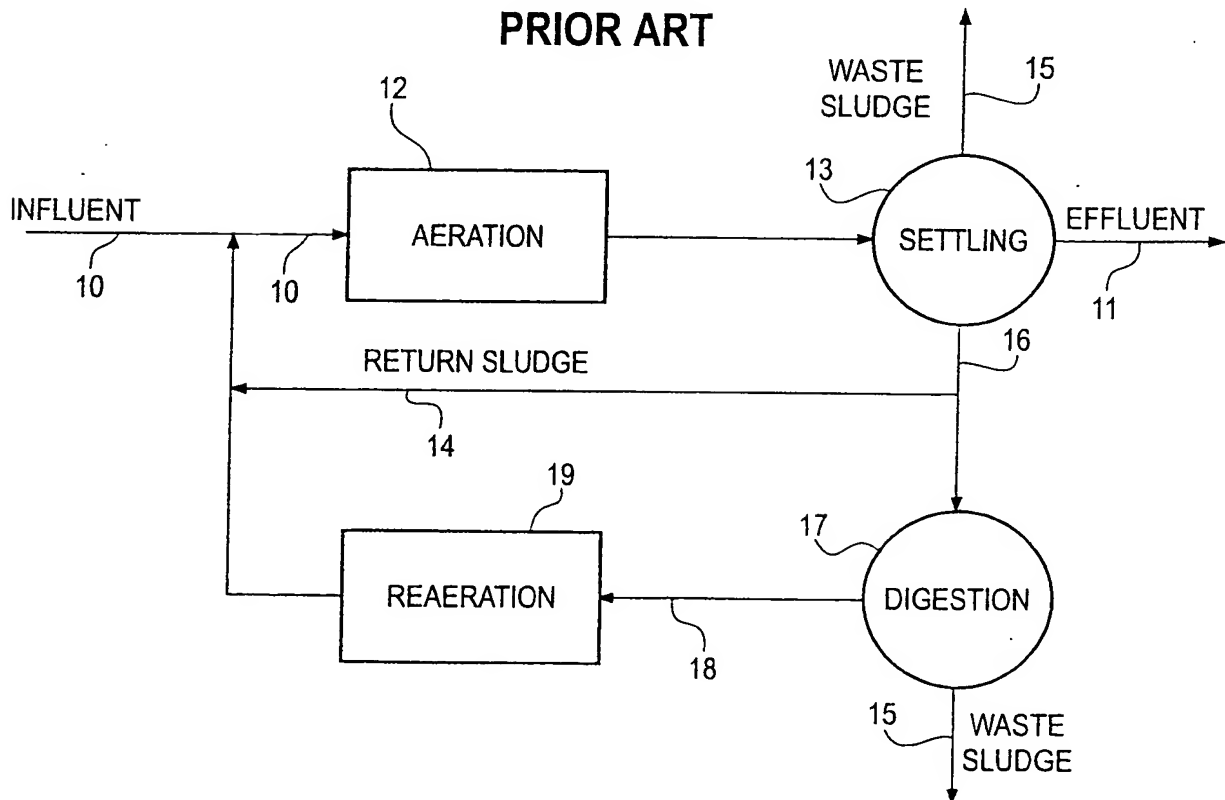


FIG. 3

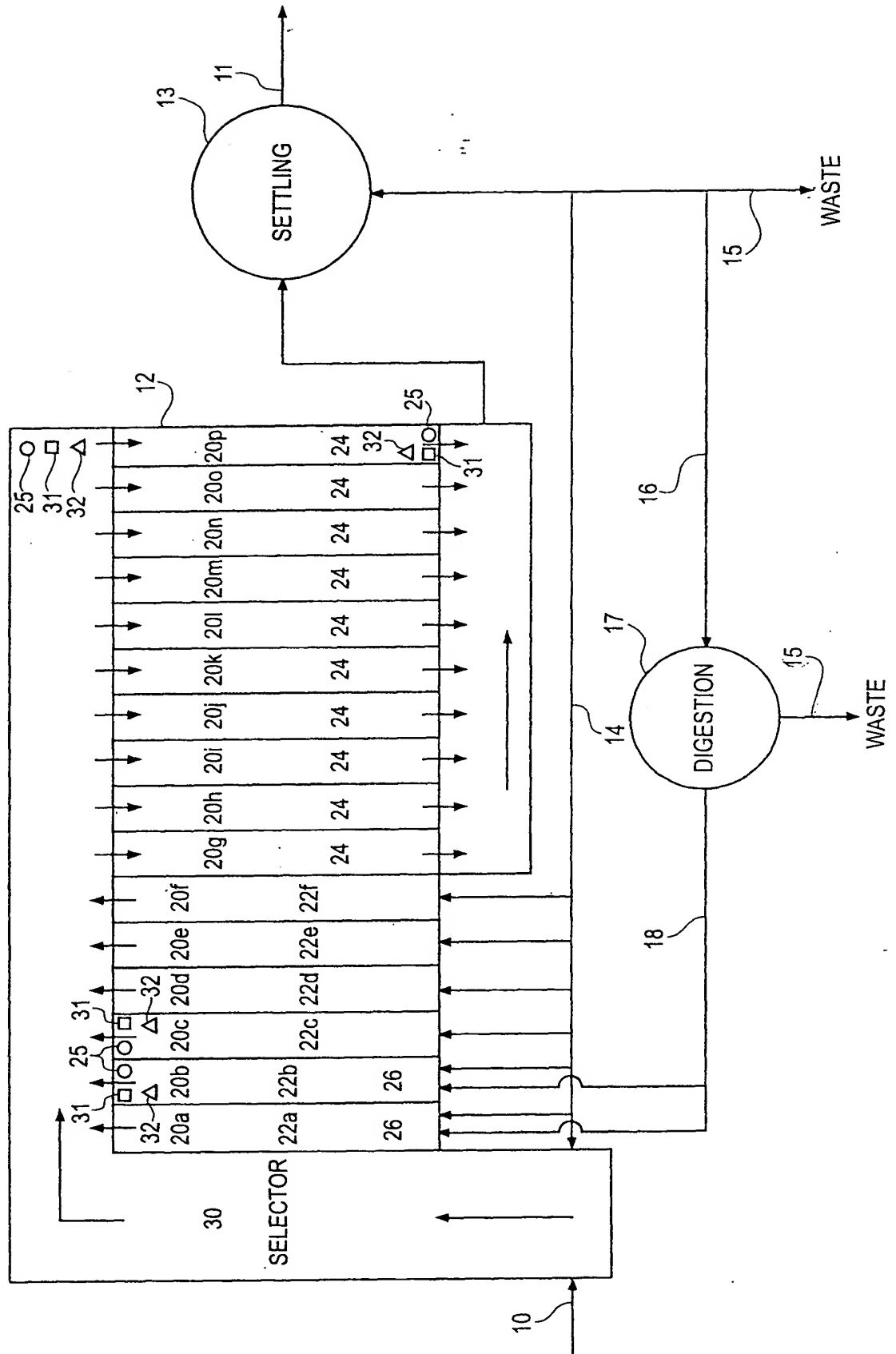


FIG. 4

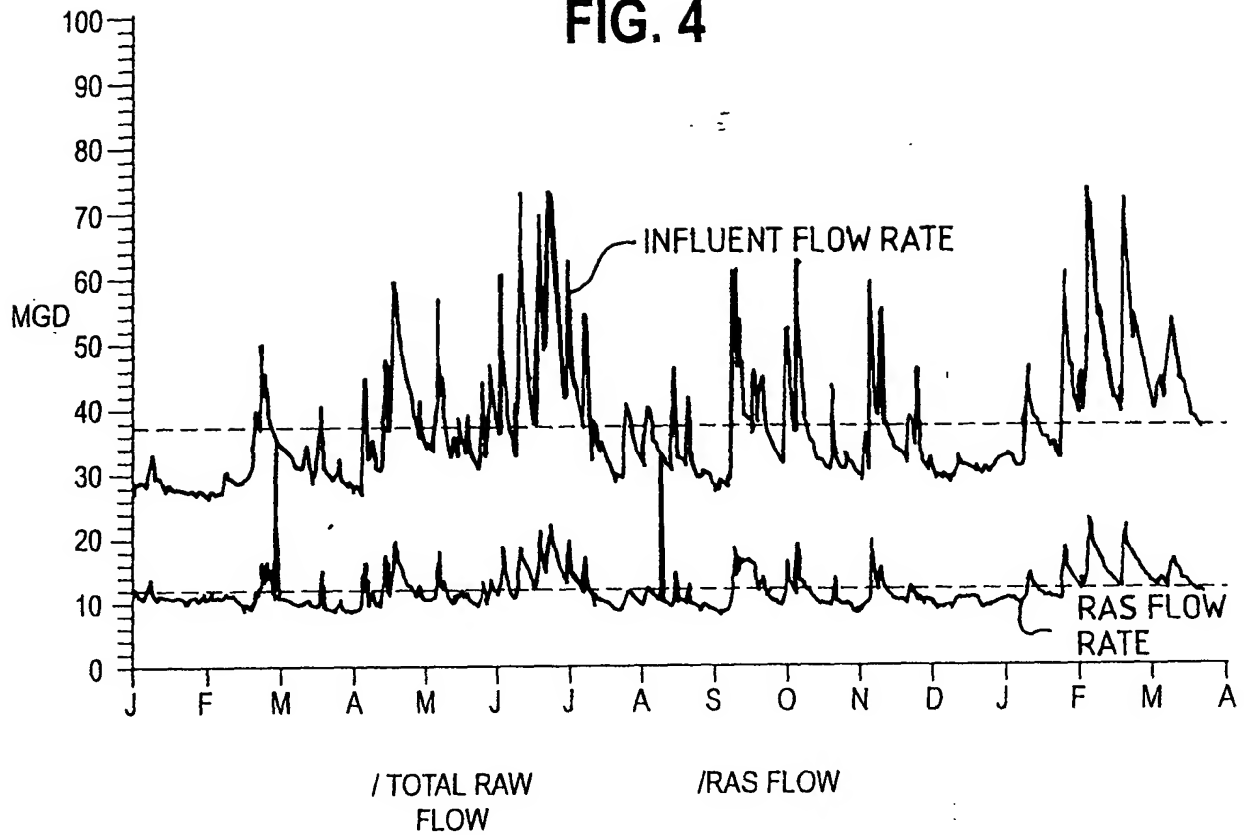


FIG. 5

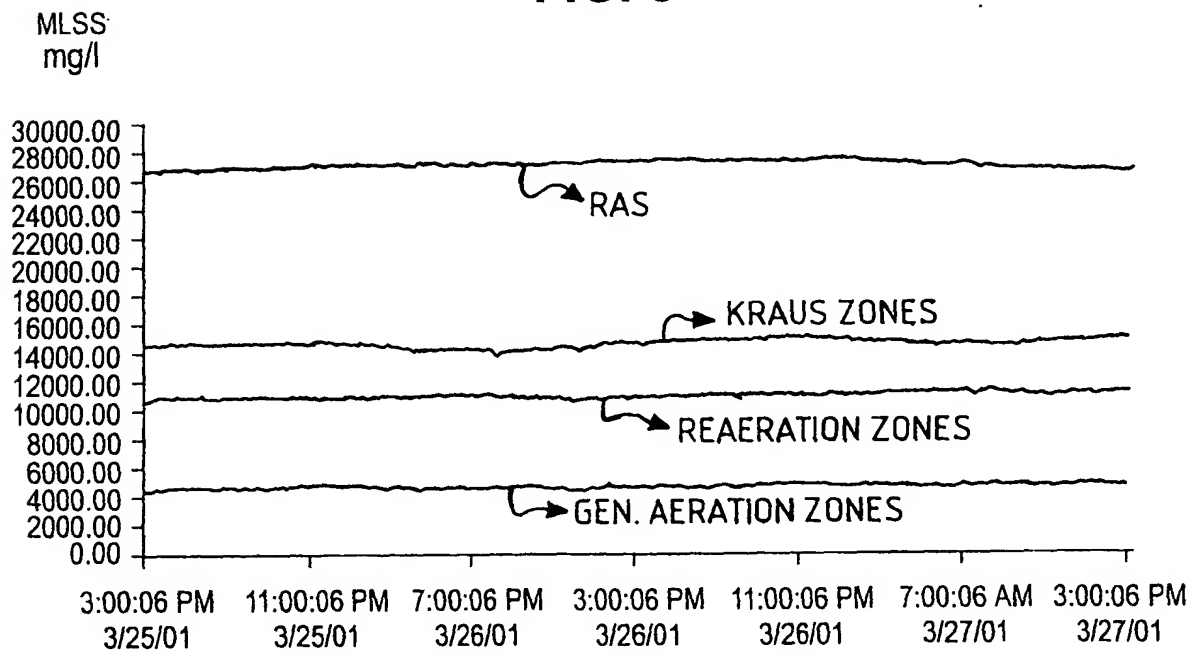
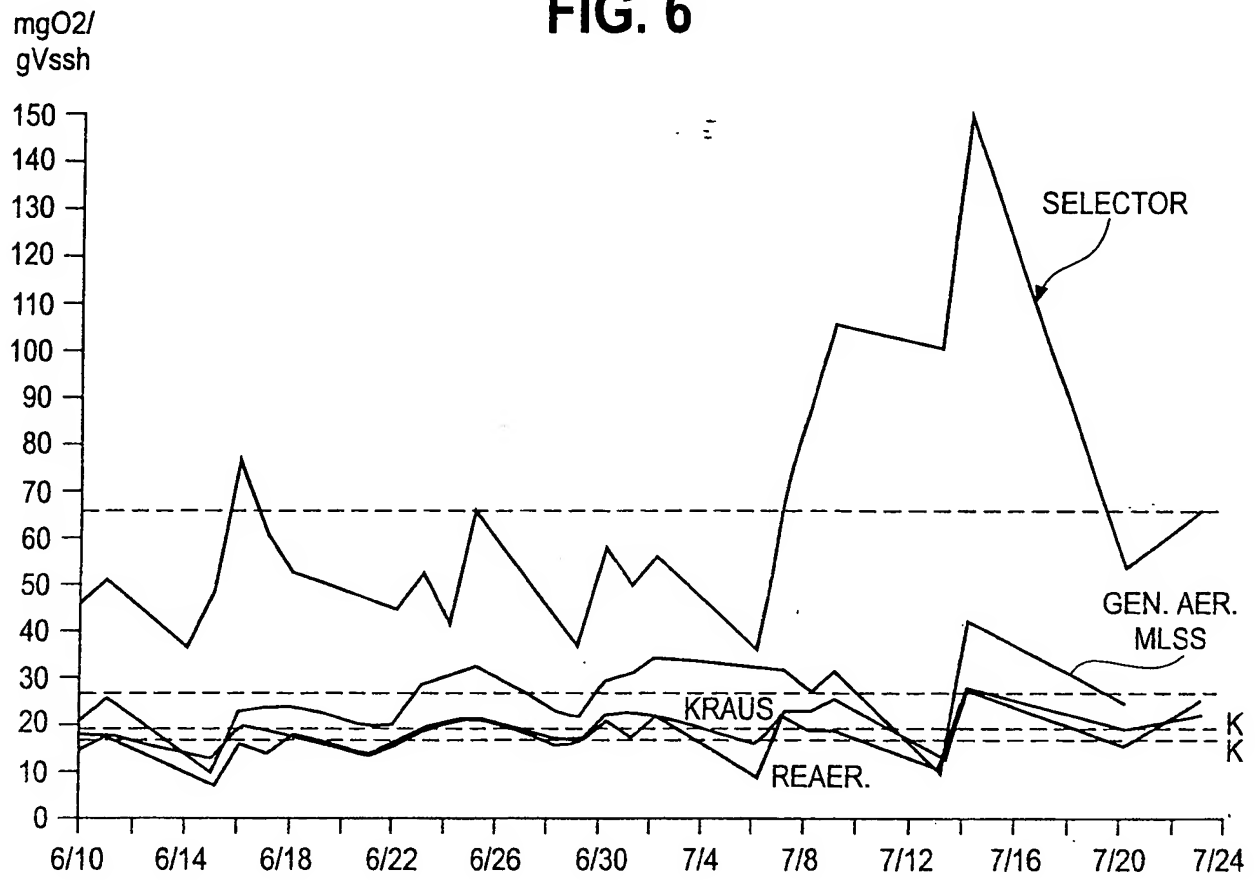


FIG. 6



KRAUS

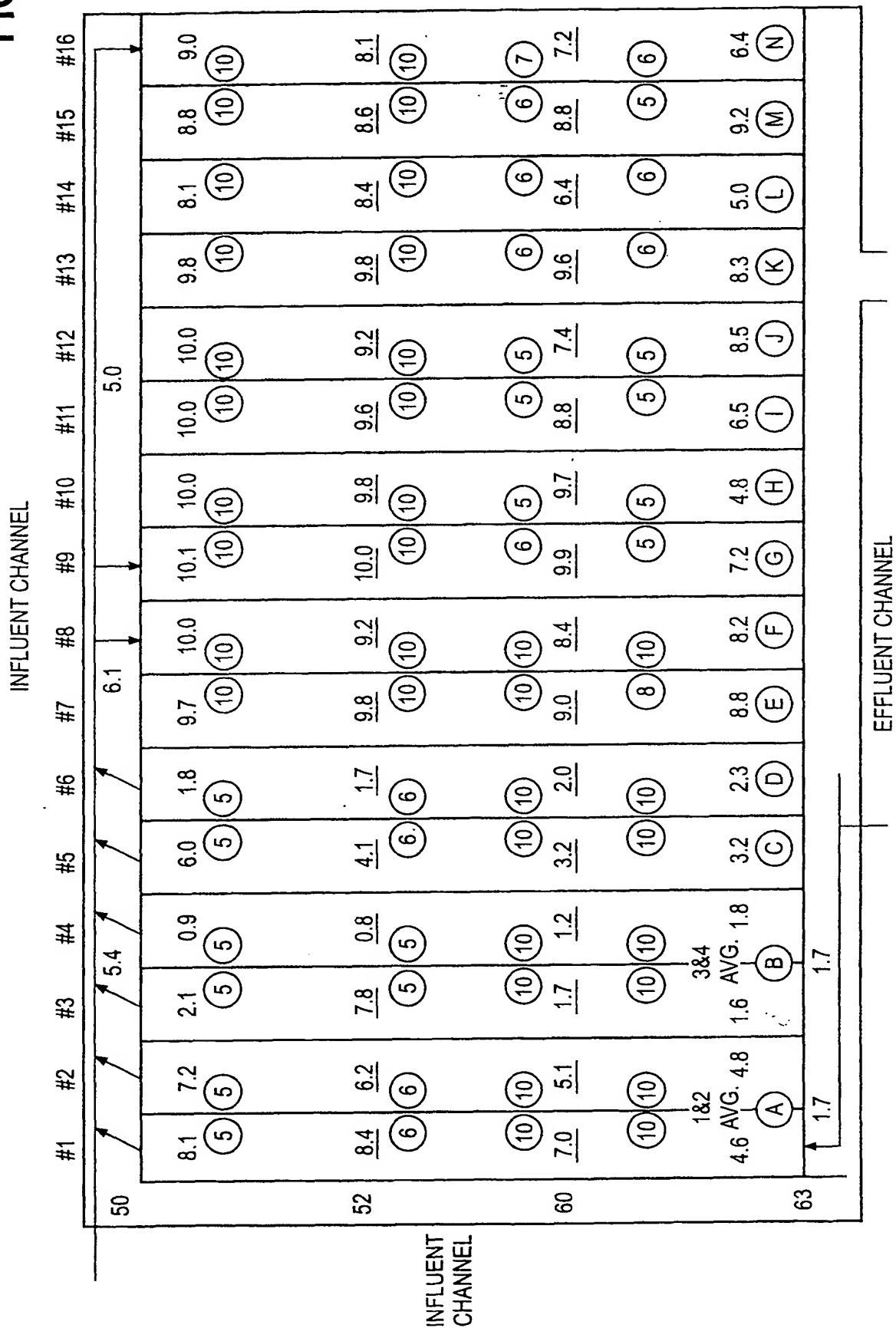


FIG. 8

	CONVENTIONAL SINGLE STAGE NITRIFICATION	INVENTION
HYDRAULIC LOADING	48 MGD	72 MGD
MASS LOADING	250,000 lbs. COD/d	450,000 lbs. COD/d
NUTRIENT REMOVAL, N	70%	90-95%
NUTRIENT REMOVAL, P	85%	85%
SVI	80-120	40-60